

Z is a branched or linear alkane, which may contain cyclic moieties, a siloxane, a polysiloxane, a C<sub>1</sub> to C<sub>4</sub> alkoxy-terminated siloxane or polysiloxane, a polyether, a polyester, a polyurethane, a poly(butadiene), or an aromatic, polyaromatic, or heteroaromatic group.

$$\left[ \begin{array}{c} \text{R}^3 \\ | \\ \text{R}^1 \text{C} = \text{C} \text{O} - \text{N}(\text{R}^1) \text{C}(=\text{O}) \text{N}(\text{R}^1) - \text{Z} \\ | \\ \text{R}^2 \end{array} \right]_n$$

Q is [an alkyl or cycloalkyl linear or branched chain having 1 to 12

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